

## Technical Information

### D-Fructose Plant Culture Tested

Product Code: PCT1601

#### Product Information

Product Code	: PCT1601
Product Name	: D-Fructose, Plant Culture Tested
Molecular Formula	: C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>
Molecular Weight	: 180.16
CAS No.	: 57-48-7

#### Technical Specification

Appearance	: White crystalline powder.
Solubility	: 10% solution in water is clear and colourless.
Cultural response	: Cultures conditions - Incubation period (5wks), Relative humidity (60±2%), Temperature (25±2°C), Photoperiod Day: Night in hours (16:8)
Shoot culture	: No structural deformity observed, actively growing shoots, no toxicity to shoots
Callus culture	: No necrotic tissues, actively growing callus, no toxicity to callus
Minimum assay (Gas chromatography)	: 99.00 %
Chloride (Cl)	: ≤ 0.01%
Calcium (Ca)	: ≤ 0.001%
Heavy metals (as Pb)	: ≤ 0.0005%
Iron (Fe)	: ≤ 0.0005%
Sulphate (SO <sub>4</sub> )	: ≤ 0.02%

#### Risk And Safety Information

WGK	: --
RTECS	: LS7120000
Storage Temperature(°C)	: Store below 30°C

#### Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

#### Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at CDH is true and accurate.
- **Central Drug House Pvt. Ltd.** reserves the right to make changes to specifications and information related to the products at any time.
- Products are not intended for human or animal diagnostic or therapeutic use but for laboratory, research or further manufacturing of diagnostic reagents extra.
- Statements contained herein should not be considered as a warranty of any kind, expressed or implied, and no liability is accepted for infringement of any patents.
- Do not use the products if it fails to meet specifications for identity and performance parameters.

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